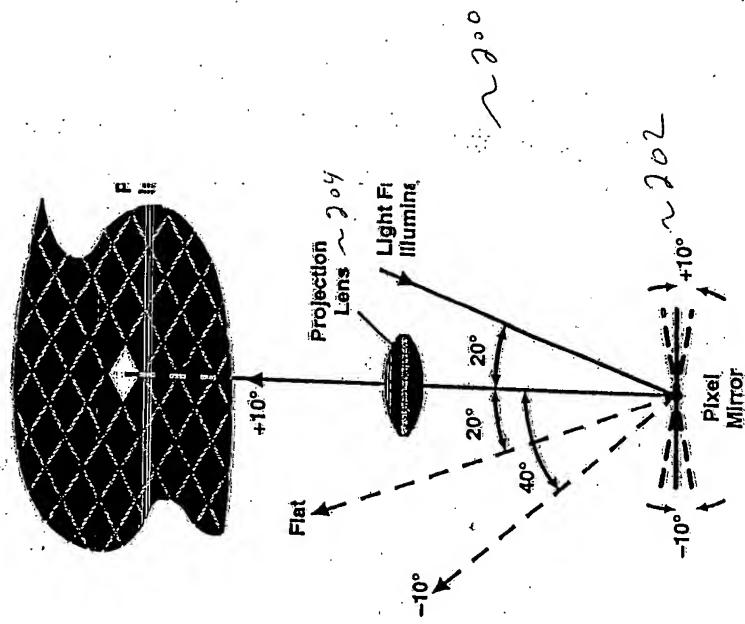
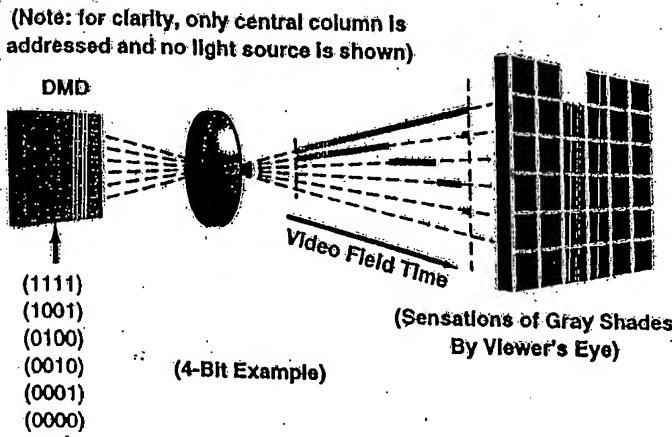


FIGURE 1

1157

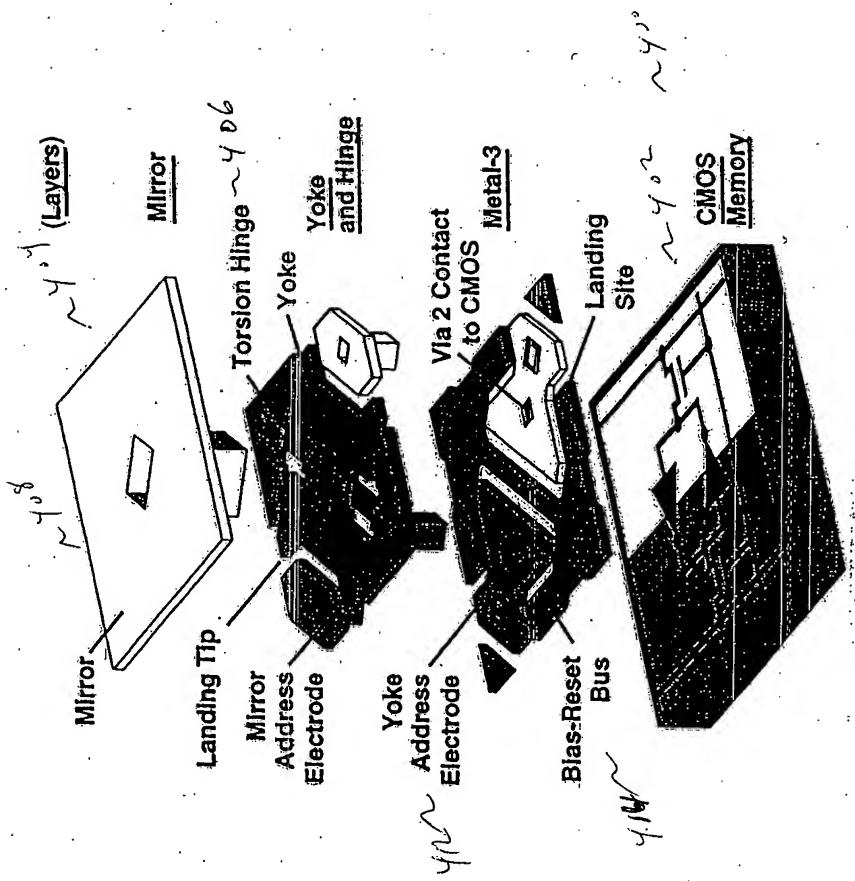
ପ୍ରସ୍ତର କାମ ଏବଂ ପରିପାଳନ





F164123

3/57



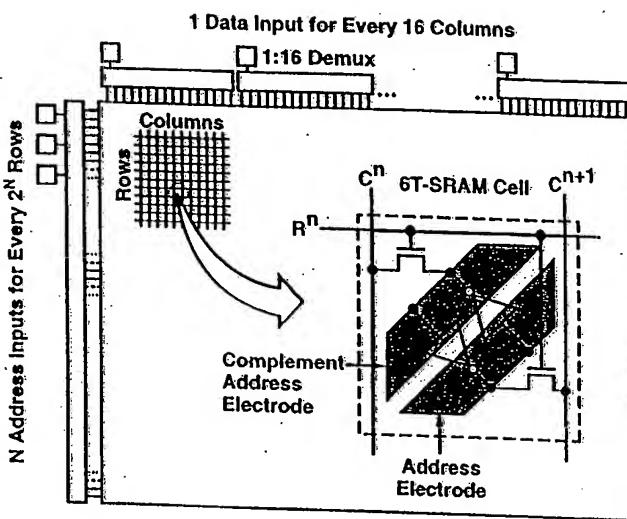


Figure 5

5/57

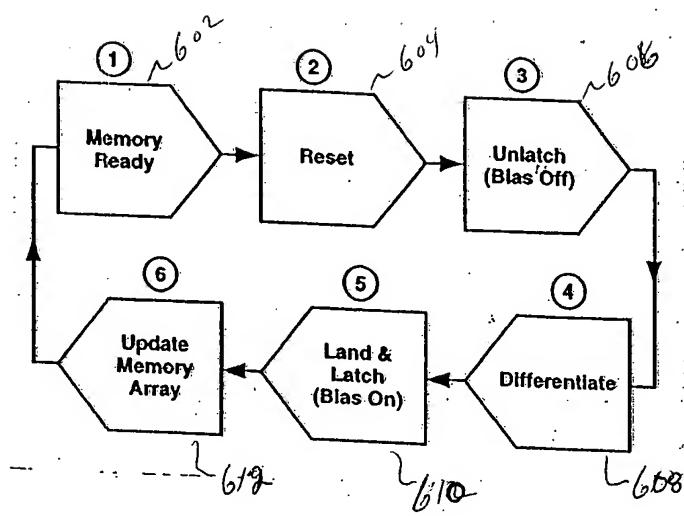


FIGURE 6

6/57

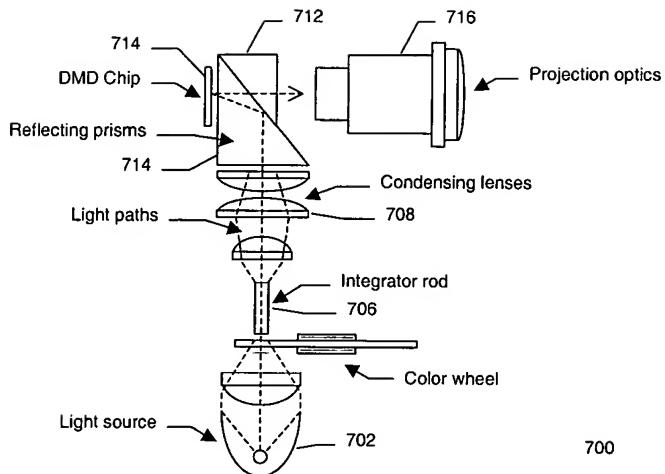


Figure 7 - Single-Chip DMD Projection System – Example 1

7/57

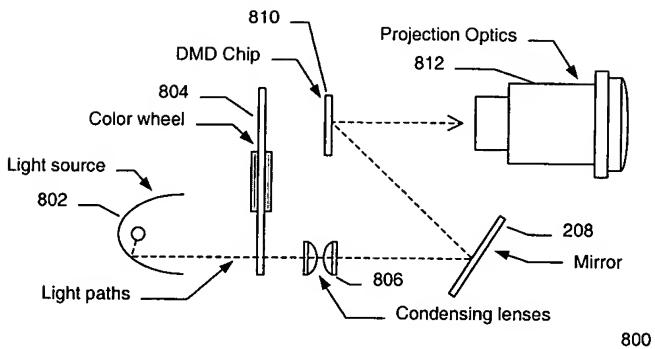


Figure 8 - Single-Chip DMD Projection System – Example 2

8/57

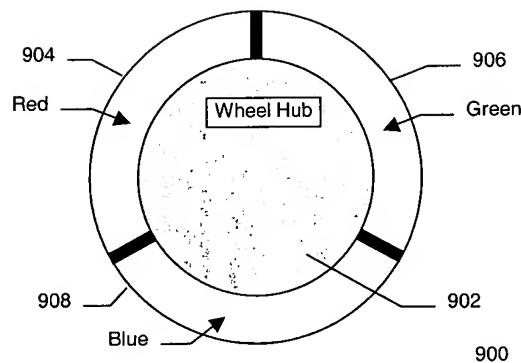


Figure 9 - Three-Segment Color Wheel for Single Chip DMD Projection Systems

9/57

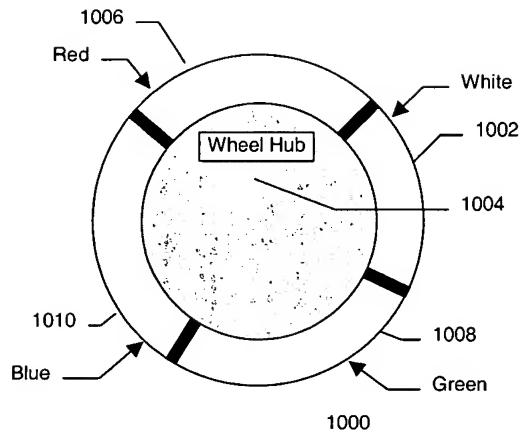


Figure 10 - Four-Segment Color Wheel for Single Chip DMD Projection Systems

10/57

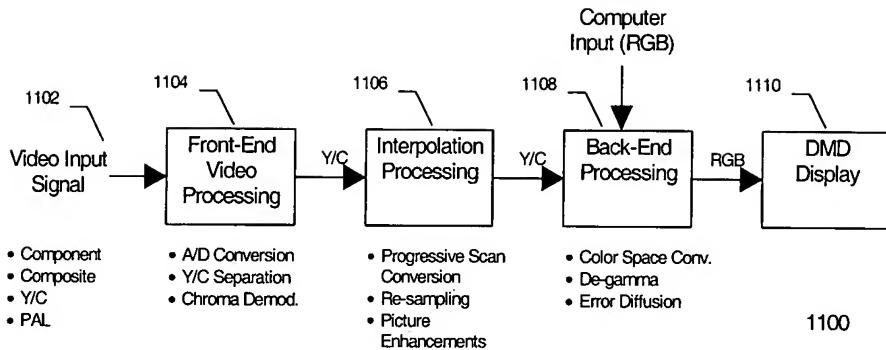


Figure 11 – 2D DMD Projector Video Processing Block Diagram for Single-Chip DLP Projector

11/57

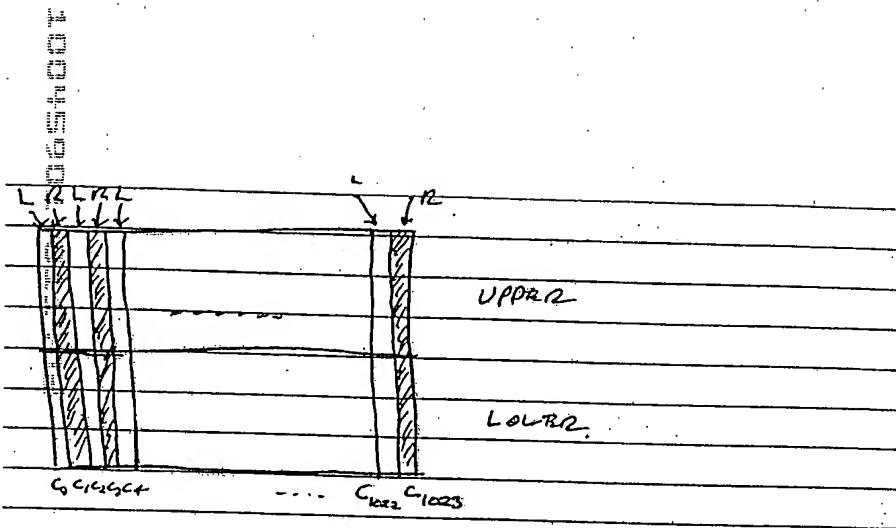


FIGURE 10

12/57

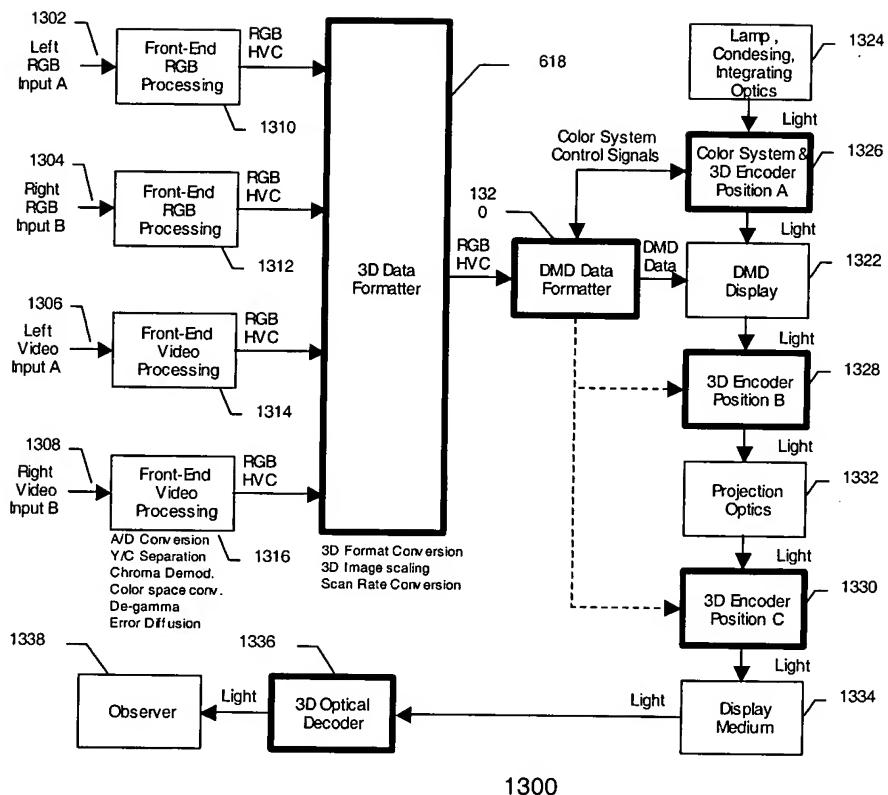


Figure 1 - Signal Flow and Optics Block Diagram for DMD Based 3D Projection System

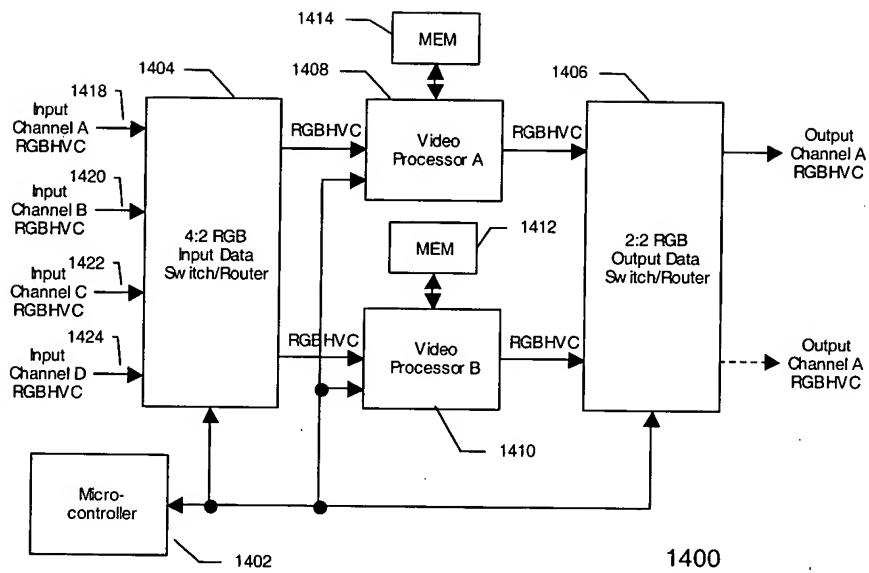


Figure 14 - 3D Data Formatter Block Diagram

7/39

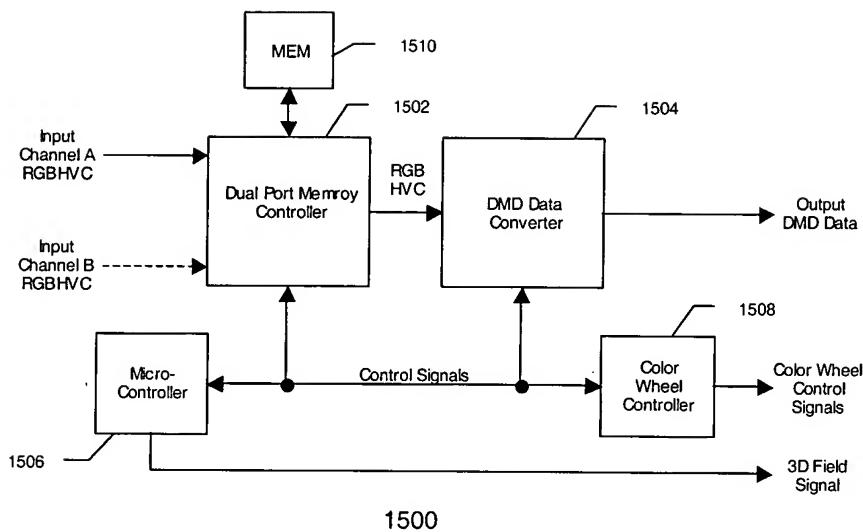


Figure 15 - DMD Data Formatter Block Diagram

15/57

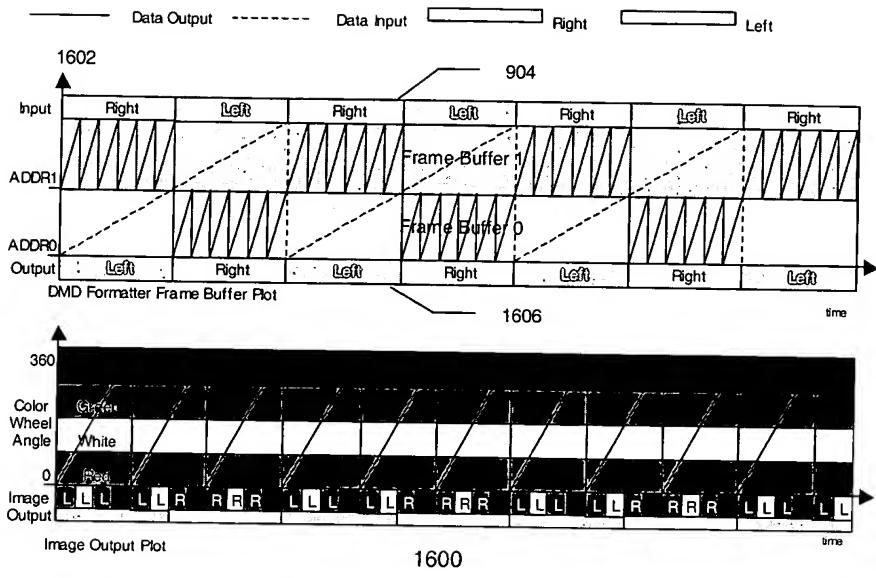


Figure 16 - DMD Data Formatter Chart for Input Synchronized Frame Sequential 3D Input Using Four-Segment Color Wheel (Chart applies to 75Hz, 80Hz, and 85Hz input signals)

16/57

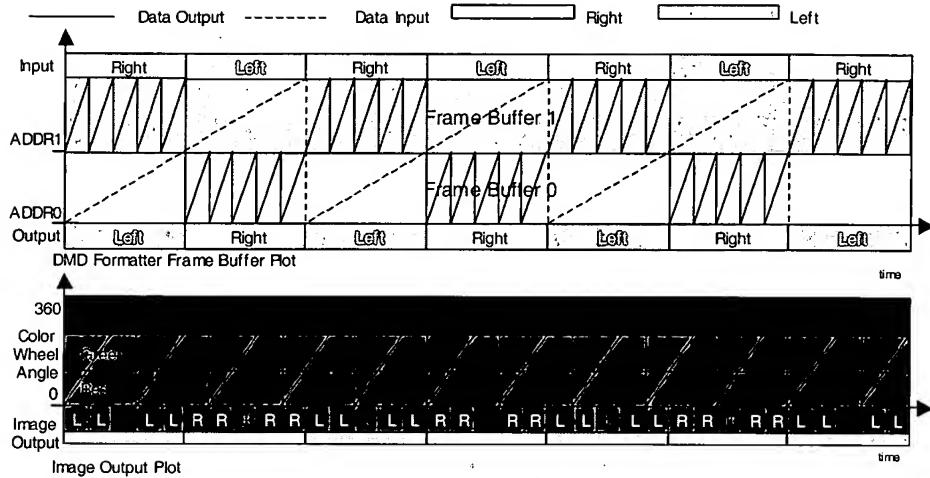


Figure 17 - DMD Data Formatter Chart for Input Synchronized Frame Sequential 3D Input Using Three-Segment Color Wheel (Chart applies to 72Hz, 75Hz, and 80Hz input signals)

17/57

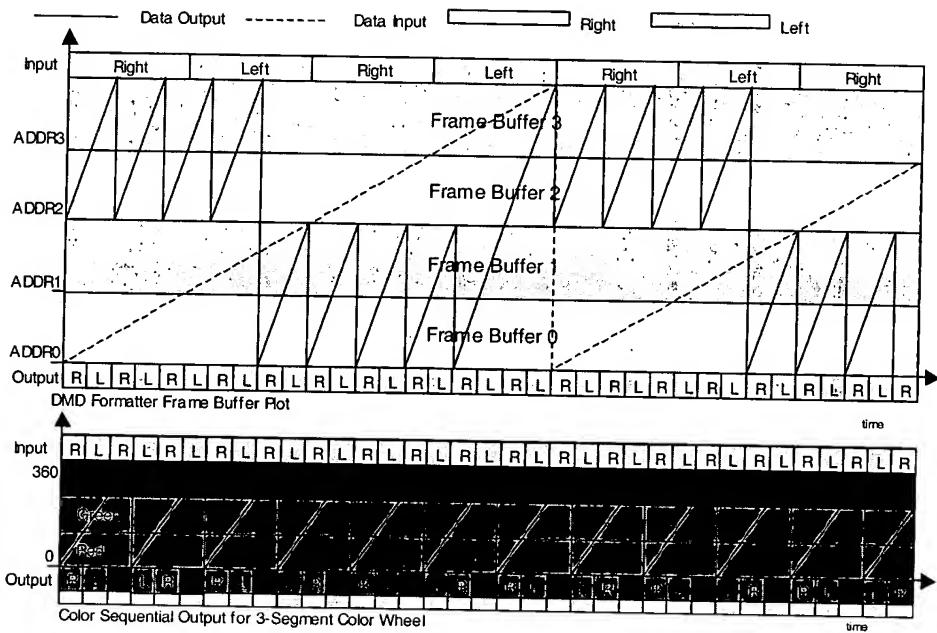


Figure 18 - Input Synchronized Color Sequential 3D Using a Three Segment Color Wheel and Quad Frame Buffer (Chart applies to 72Hz, 75Hz, and 80Hz input signals)

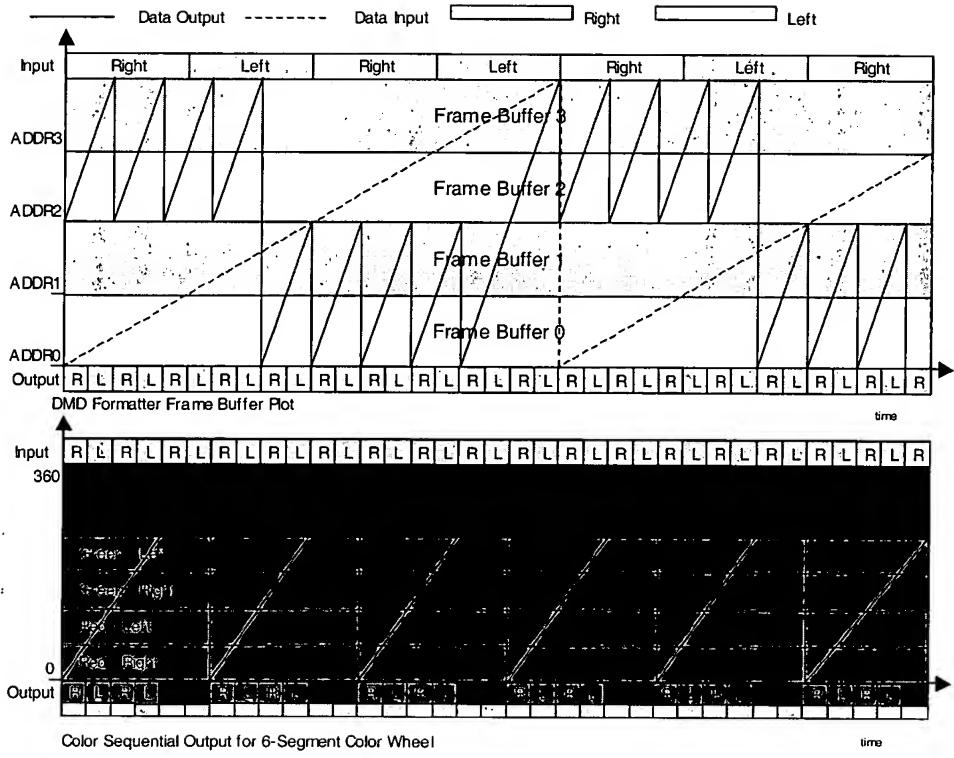


Figure 19 - Input Synchronized Color Sequential 3D Using a Six-Segment Color Wheel and Quad Frame Buffer (Chart applies to 72Hz, 75Hz, and 80Hz input signals)

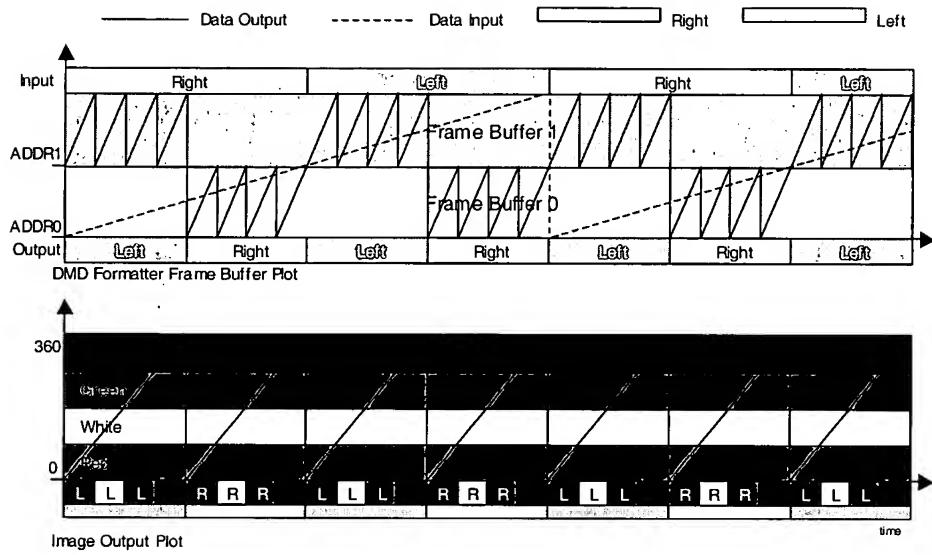


Figure 20 - DMD Formatter Chart for Output Synchronized Frame Sequential 3D Format for 60Hz Input Using a Four-Segment Color Wheel

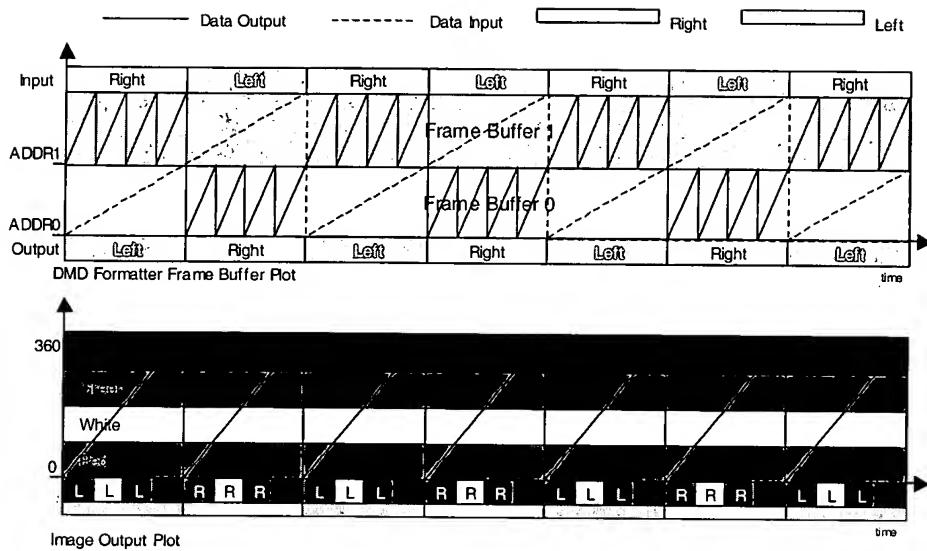


Figure 21 - DMD Formatter Chart for Output Synchronized Frame Sequential 3D Format for 120Hz Input Using a Four-Segment Color Wheel

21/57

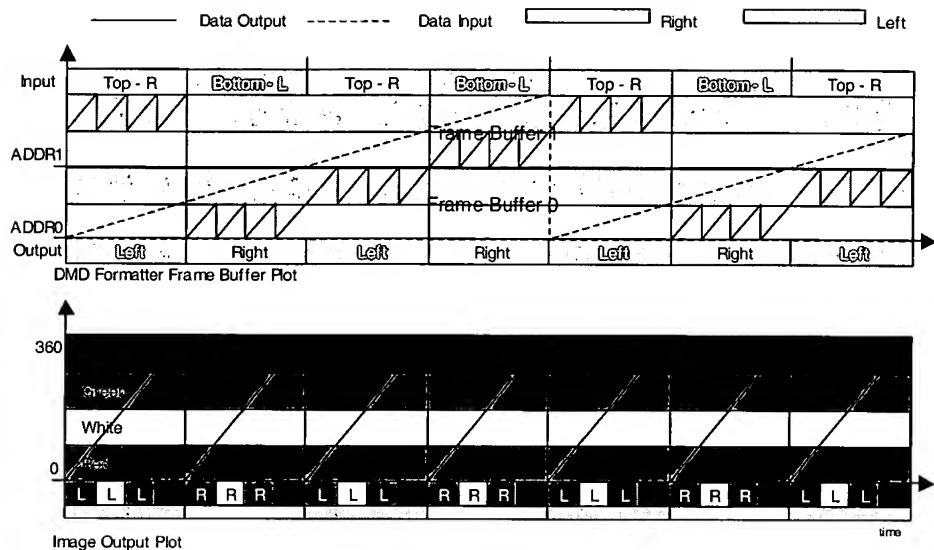


Figure 22 - DMD Formatter Chart for Output Synchronized Frame-Sequential 3D Format for 60Hz Over-Under 3D Input using a Four-Segment Color Wheel

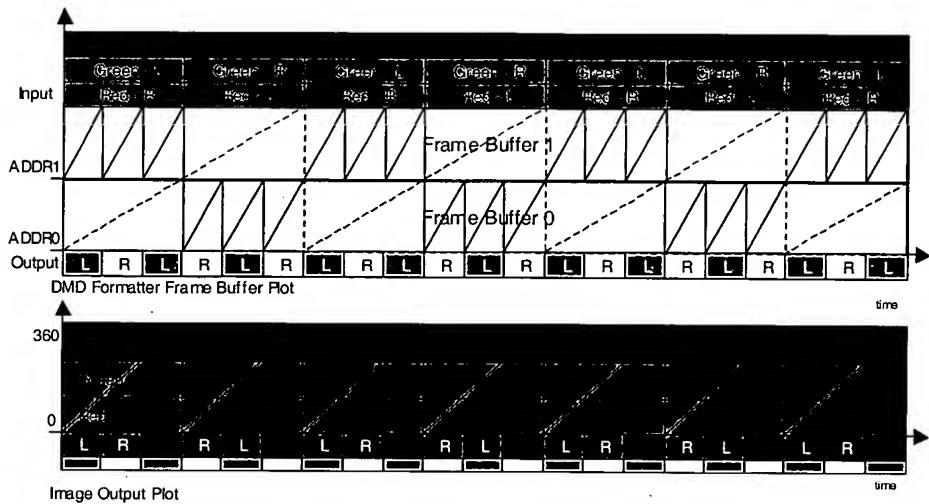
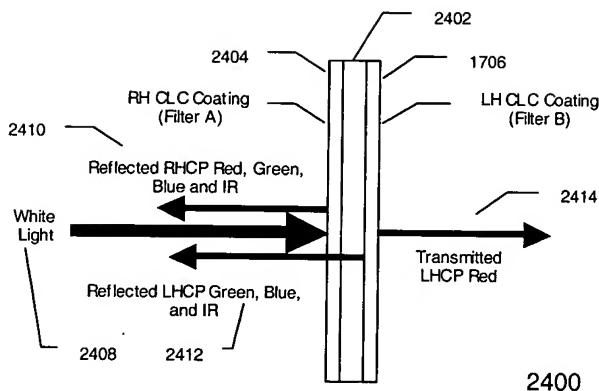


Figure 23- DMD Formatter Chart for Output Synchronized Color Sequential 3D Format for 120Hz Color-Sequential 3D Input, Using a Three-Segment Color Wheel

23/57

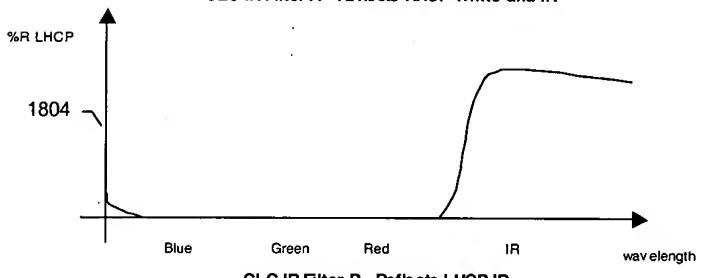


**Figure 24 - Cholesteric Liquid Crystal Reflective Circular Polarizing Red Filter
(Similar for White, Green, or Blue)**

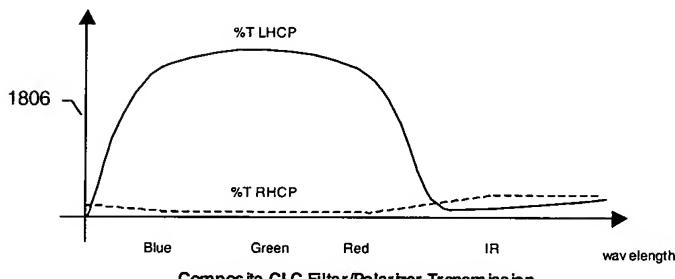
17/39



CLC IR Filter A - Reflects RHCP White and IR



CLC IR Filter B - Reflects LHCP IR



Composite CLC Filter/Polarizer Transmission

1800

Figure 25 - Spectral Response for CLC IR Filter/Circular Polarizer

25/57

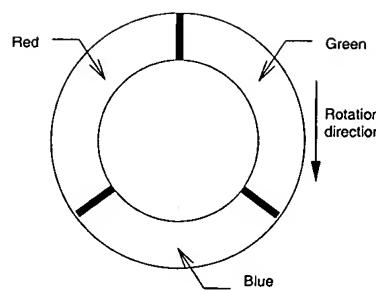


Figure 26 - Three-Segment Color Wheel Type CW-A

26/57

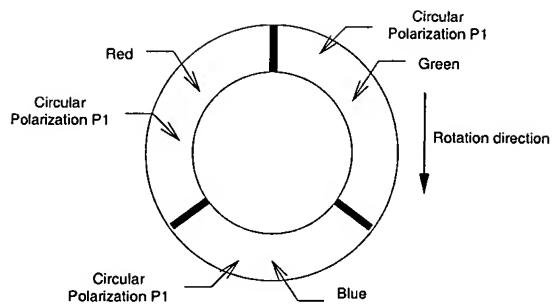


Figure 27 - Three-Segment Color Wheel Type CW-B

27/57

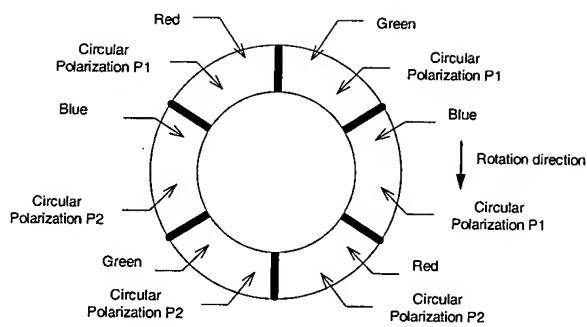


Figure 28- Six-Segment Color Wheel Type CW-C

28/57

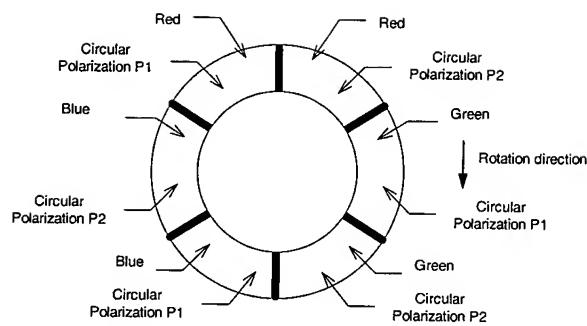


Figure 29 - Six-Segment Color Wheel Type CW-D

29/57

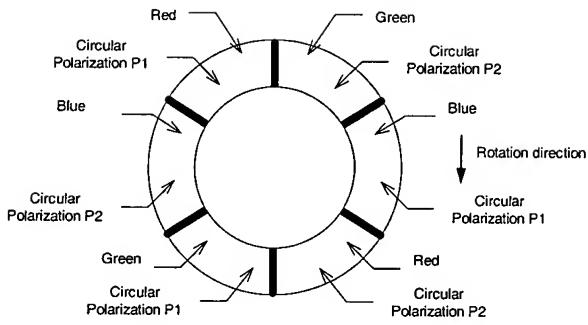


Figure 30- Six-Segment Color Wheel Type CW-E

30/57

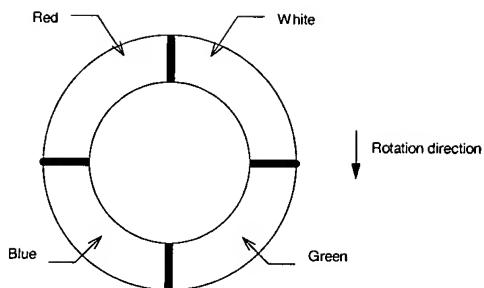


Figure 31 - Four-Segment Color Wheel Type CW-F

31/57

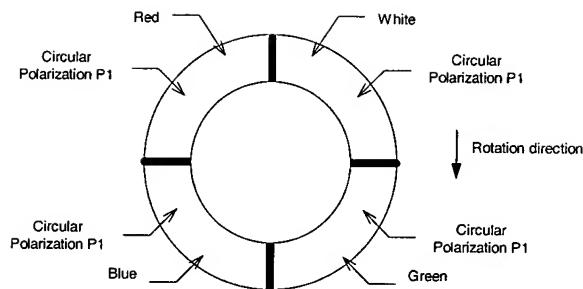


Figure 32 - Four-Segment Color Wheel Type CW-G

32/57

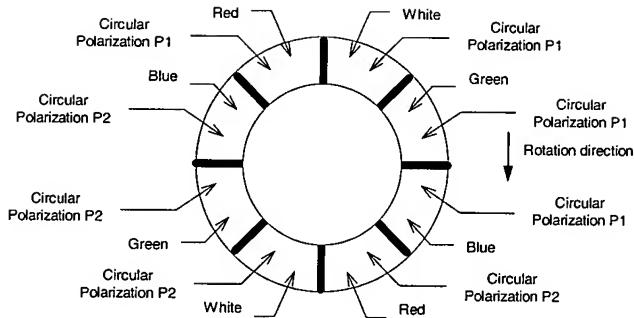


Figure 33 - Eight-Segment Color Wheel Type CW-H

33/57

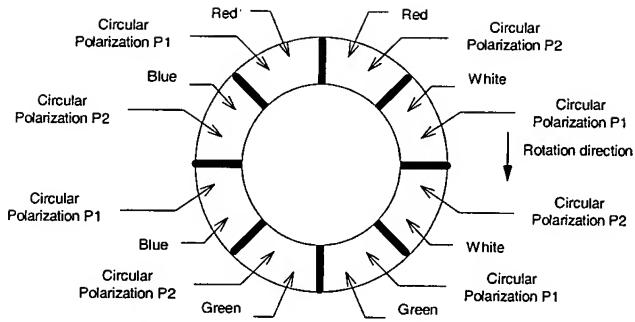


Figure 34 - Eight-Segment Color Wheel Type CW-I

34/57

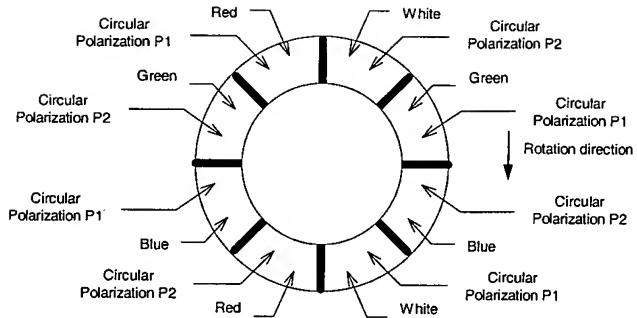


Figure 35 - Eight-Segment Color Wheel Type CW-J

35/57

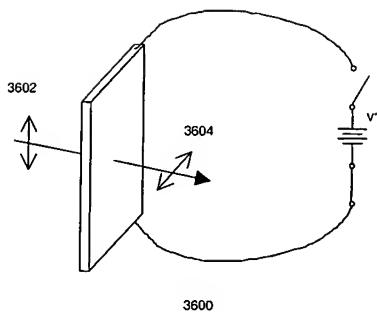


Figure 36 - Liquid Crystal Rotator with no Applied Terminal Voltage

36/57

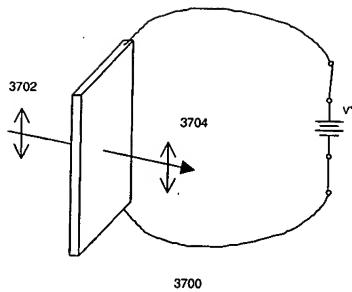


Figure 37 - Liquid Crystal Rotator with Applied Terminal Voltage

37/57

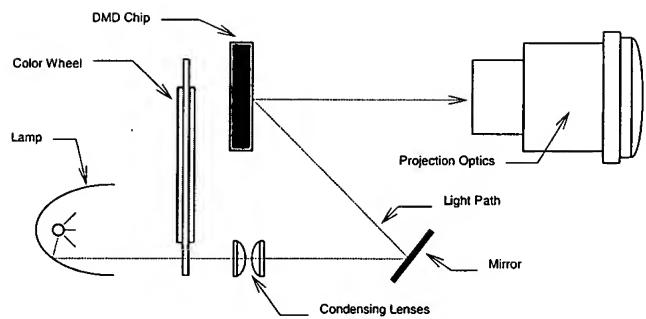


Figure 38 - DMD Based Stereo 3D Projector, 3D Optical Configurations: A, B, H, I, K, M, N, S, U, W

38/57

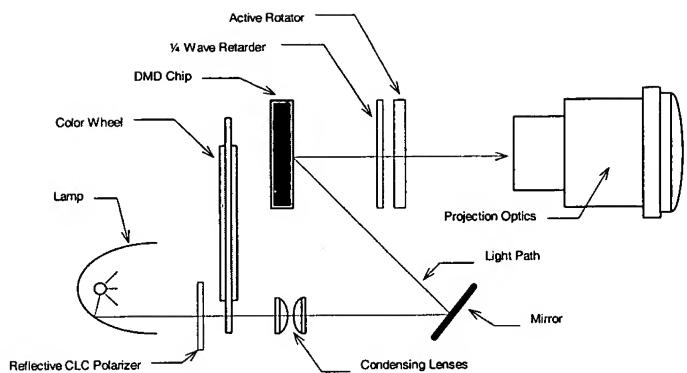


Figure 39. DMD Based Stereo 3D Projector, 3D Optical Configurations: C and O

39/57

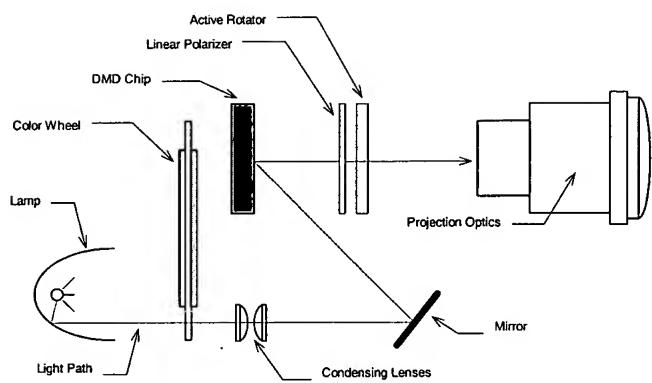


Figure 40. DMD Based Stereo 3D Projector, 3D Optical Configurations: D and P

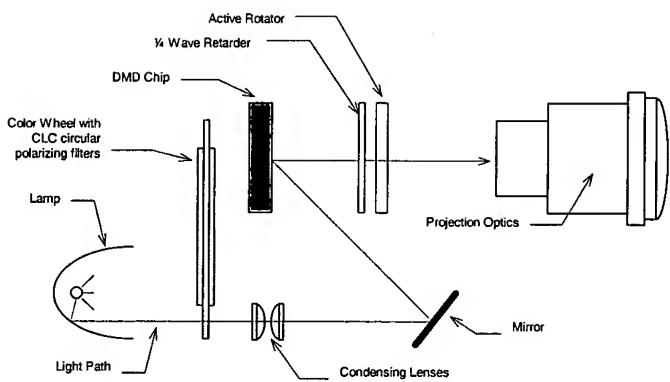


Figure 41- DMD Based Stereo 3D Projector, 3D Optical Configurations: E and Q

41/57

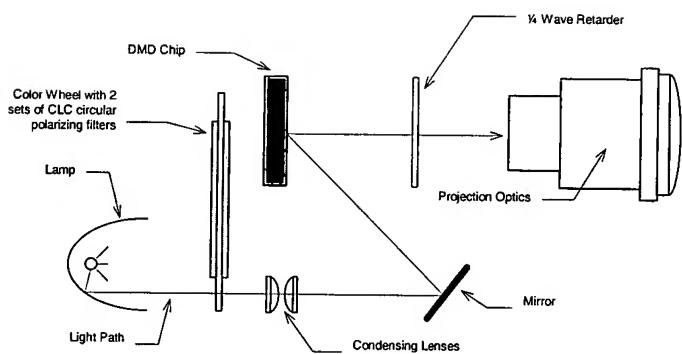


Figure 42 - DMD Based Stereo 3D Projector, 3D Optical Configurations: F, G, J, L, R, T, and V

42/57

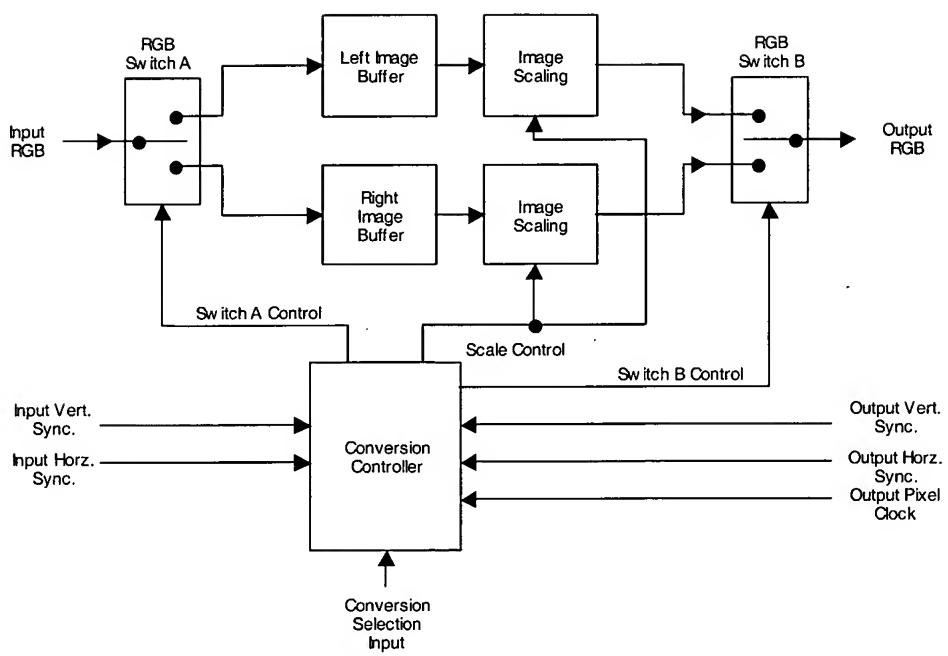


Figure 43. 3D Data Formatter Block Diagram

43/57

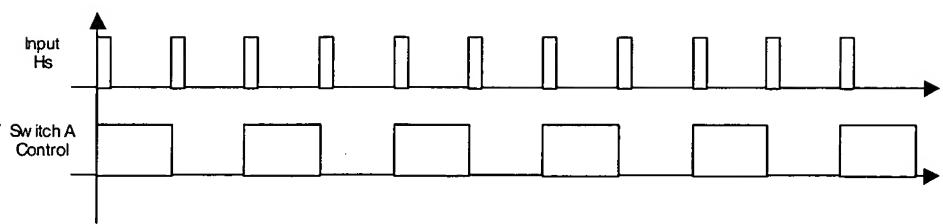


Figure 44. Switch A Control for Row-Interleaved RGB Input

44/57

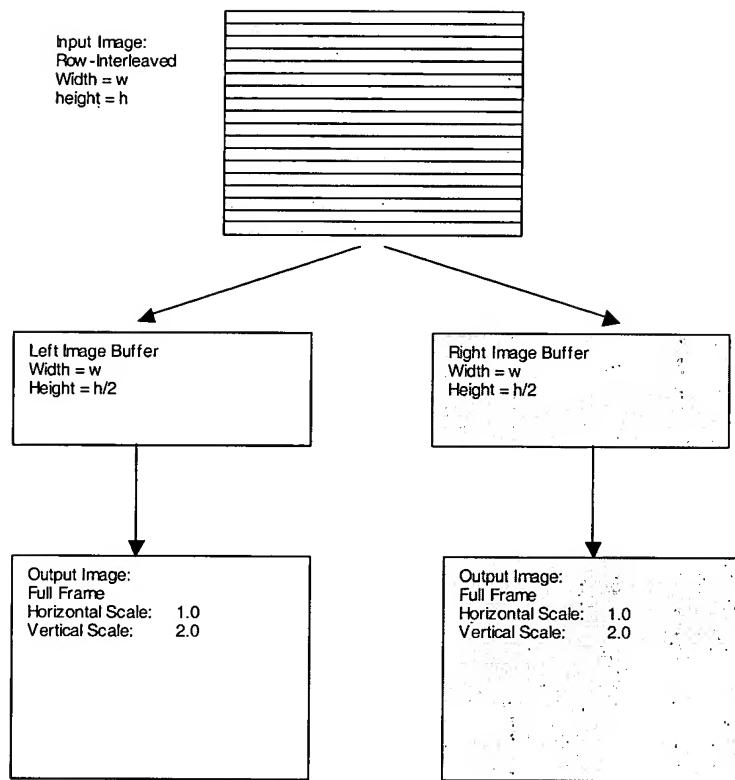


Figure 44. Output Scaling for Row-Interleaved 3D Format Input

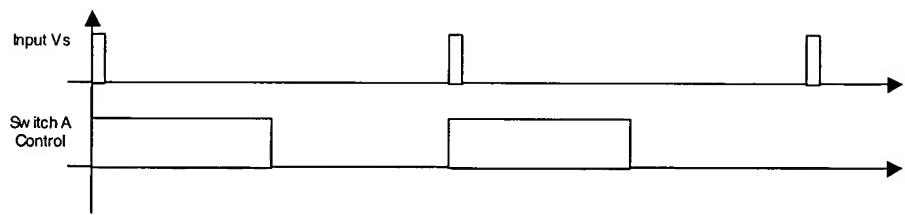


Figure 45. Switch A Control for "Over-Under" RGB 3D Format

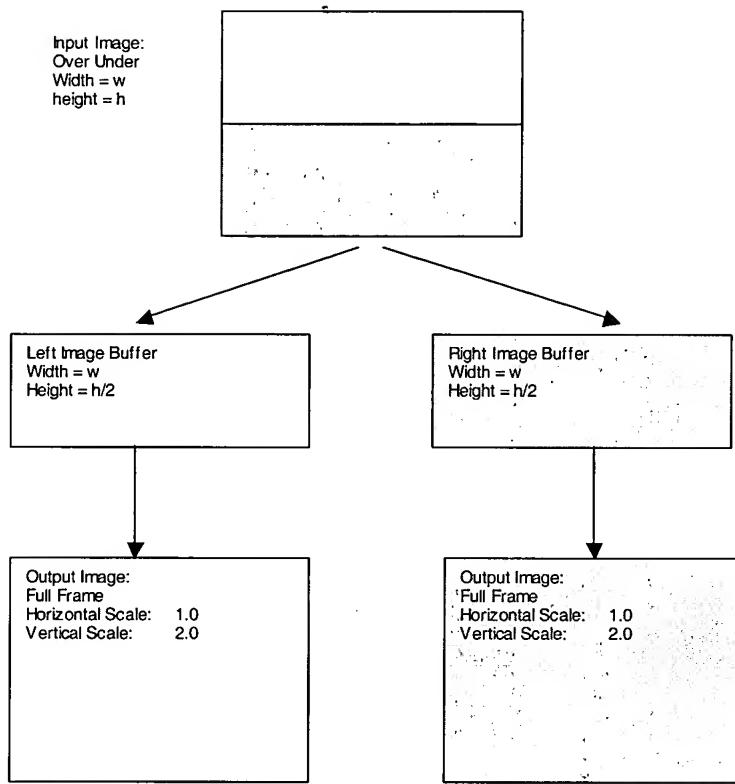


Figure 46. Output Scaling for Over-Under 3D Format Input

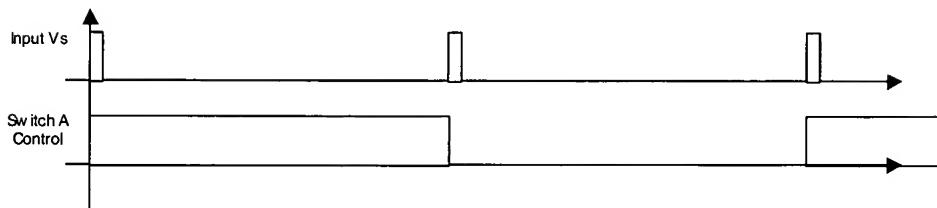


Figure 47 Switch A Control for "Page-Flipped" 3D Input

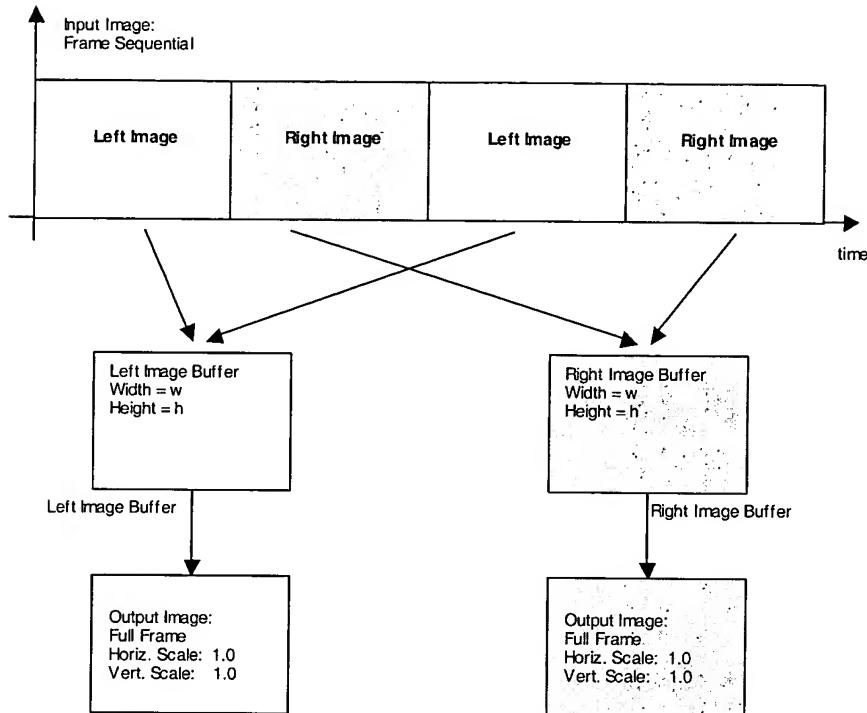


Figure 48. Output Scaling for “Page-Flipped” 3D Format Input

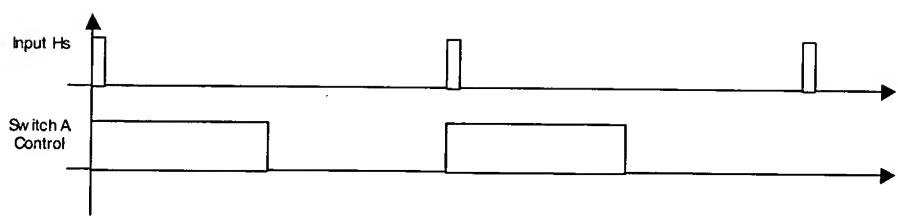


Figure 49 Switch A Control for "Side-by-Side" RGB 3D Input

49/57

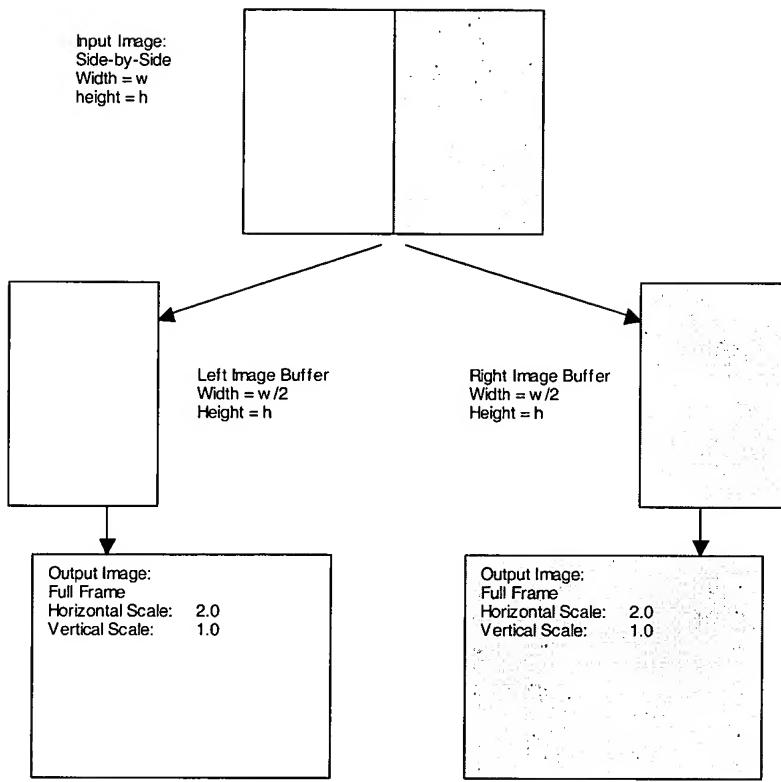


Figure 50. Output Image Scaling for Side-by-Side 3D Format Input

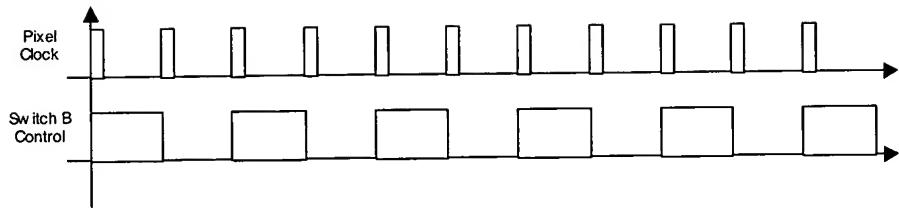


Figure 51. Switch B Control for 3D Data Formatter Block

51/57

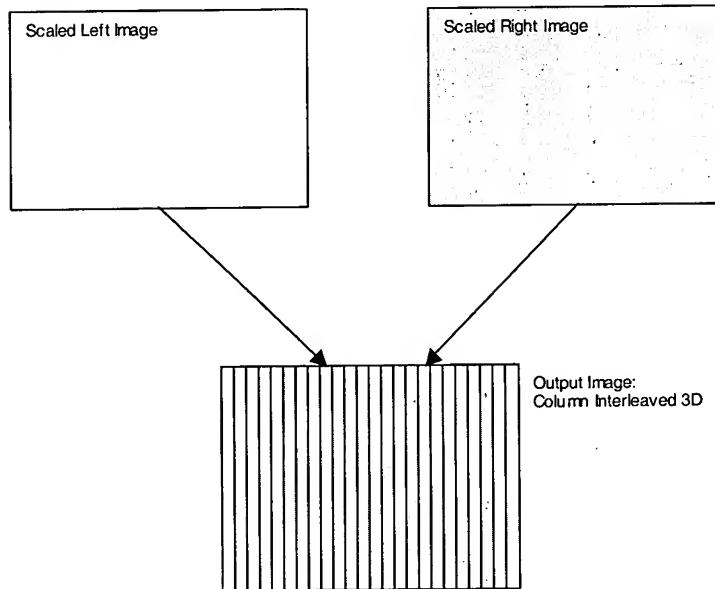


Figure 2. Graphical Illustration of 3D Data Formatter Output

52/57

THE JOURNAL OF CLIMATE

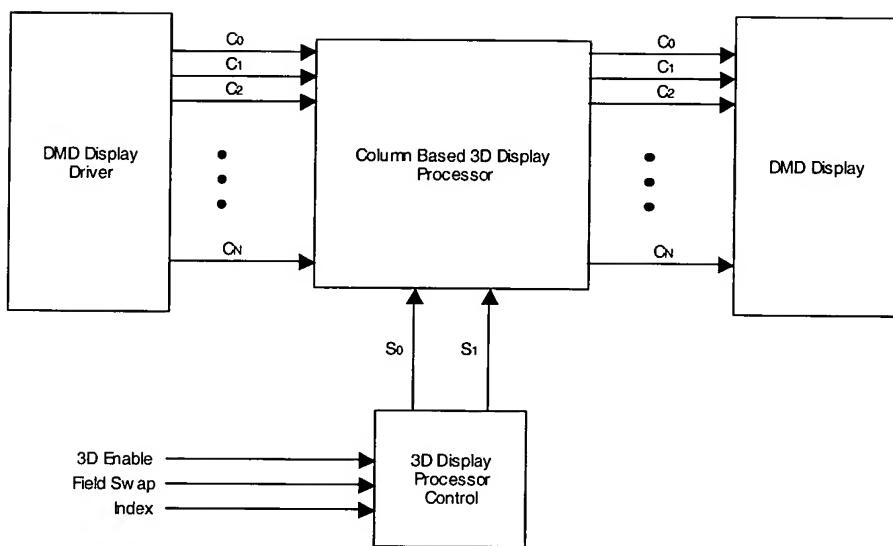


Figure 53. 3D Display Formatter

53/57

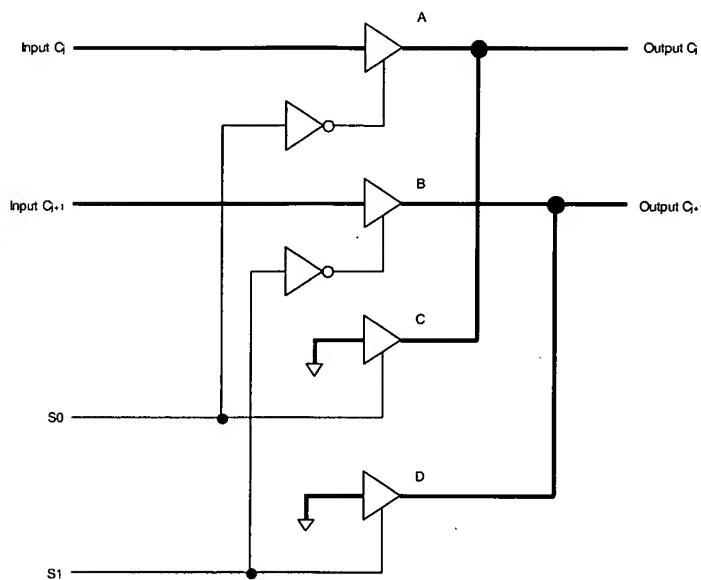


Figure 54. Block Diagram for 3D Display Processor Using Column Blanking Method

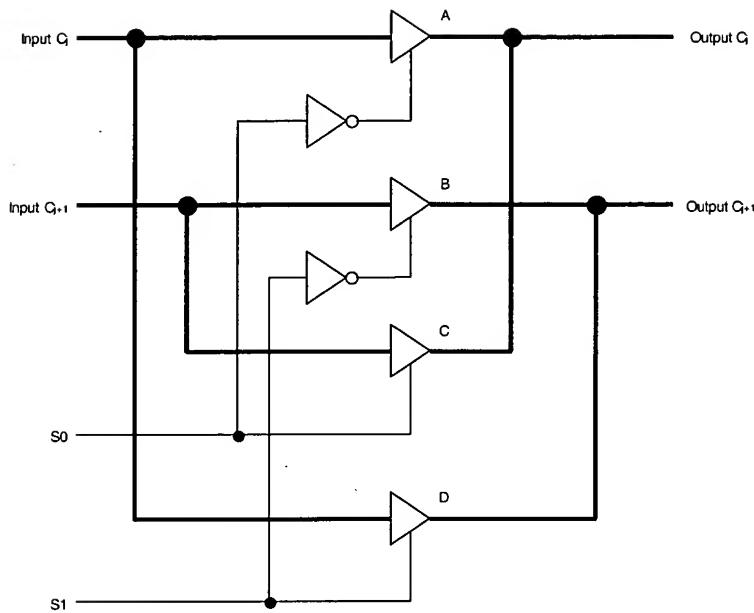


Figure 55

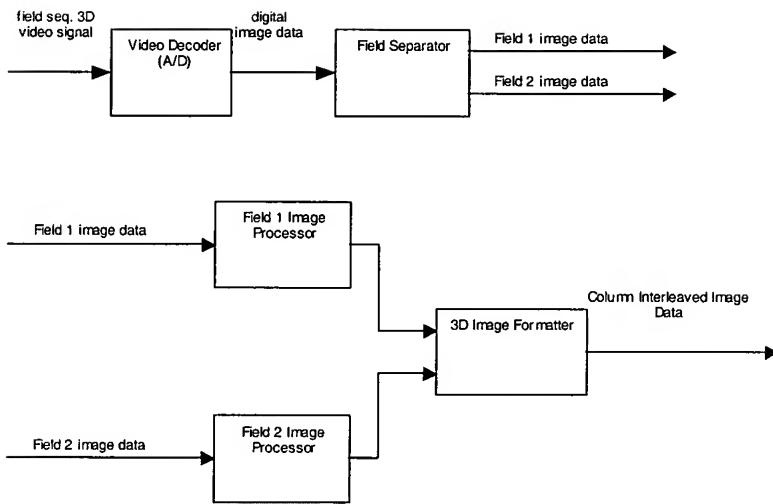


Figure 57